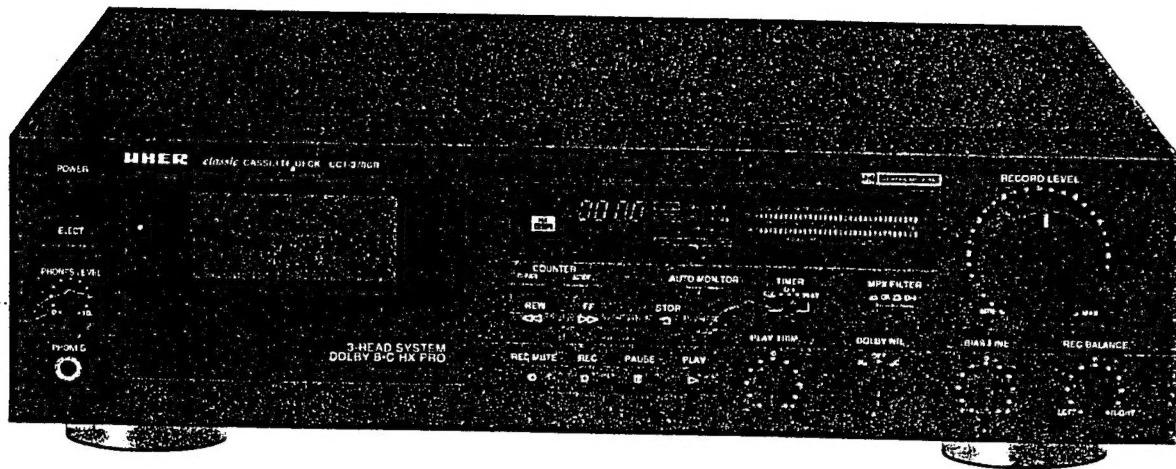


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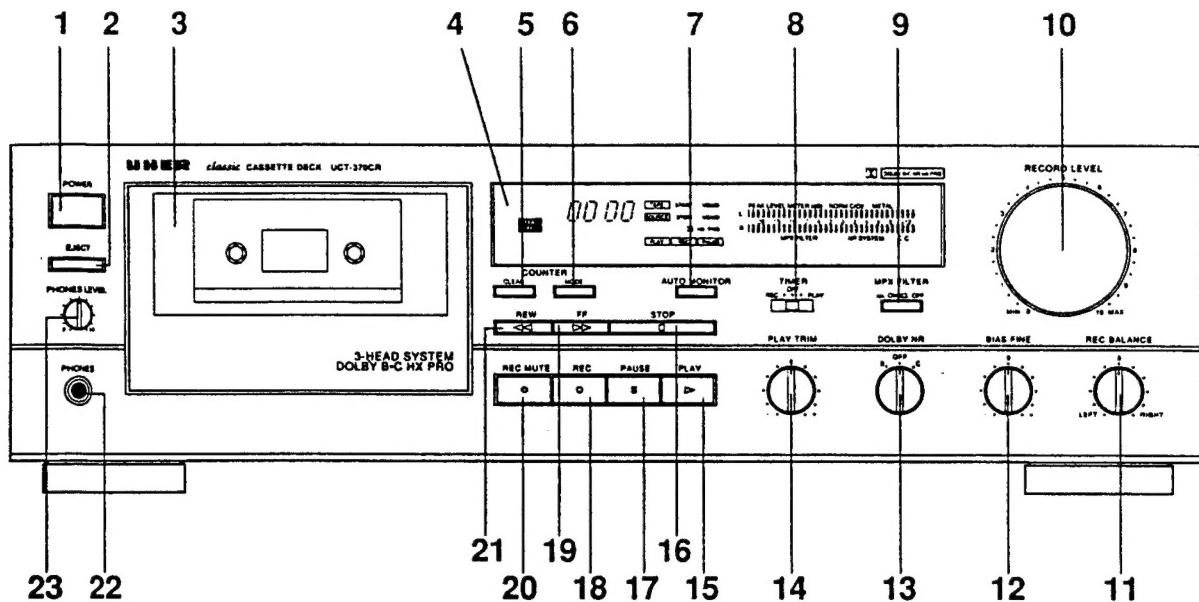
S E R V I C E M A N U A L



classic

CASSETTE DECK UCT-370 CR

OPERATING ELEMENTS



SPECIFICATIONS

Model Classic UCT-370 CR

Sound heads 1 erasing head, 1 combined head for recording and replay

Rewinding time (C60) 95 sec.

Motors 1 DC servodrive capstan shaft motor
1 DC rewind motor

Flutter and wow (DIN) 0.075 %

Frequency response: (-3 dB)
metal 25-20000 Hz
chrome 25-19000 Hz
normal 25-185000 Hz

Signal to noise potential ratio (A-valued/3 % THD chrom) 58 dB (without Dolby*)
68 dB (with Dolby B*)
79 dB (with Dolby C*)

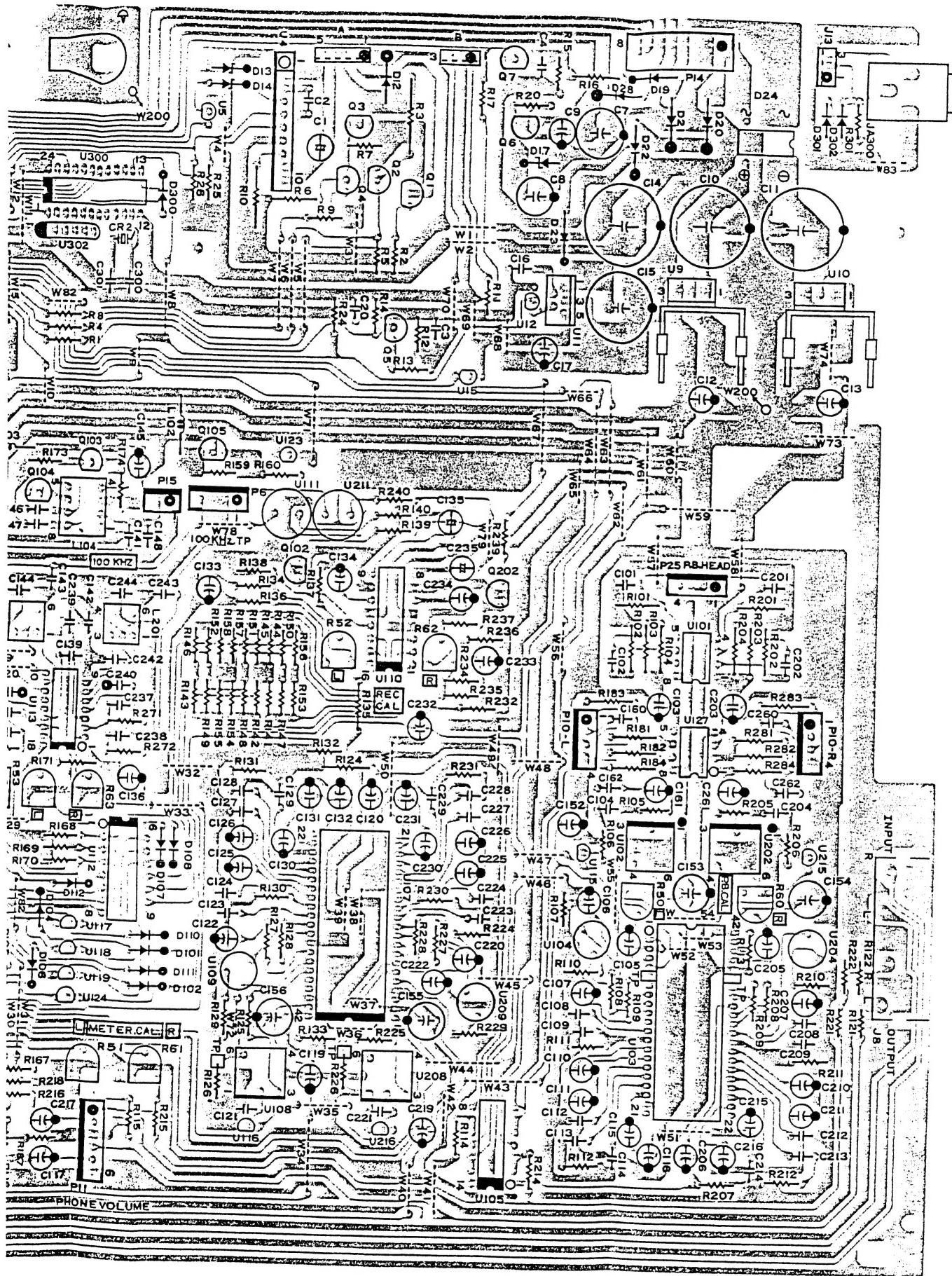
Dimensions (W x H x D, without footing) 435 x 120 x 258 mm

Weight (net) 4.5 kgs

* Dolby is the registered trade mark of Dolby Laboratories Licensing Co.

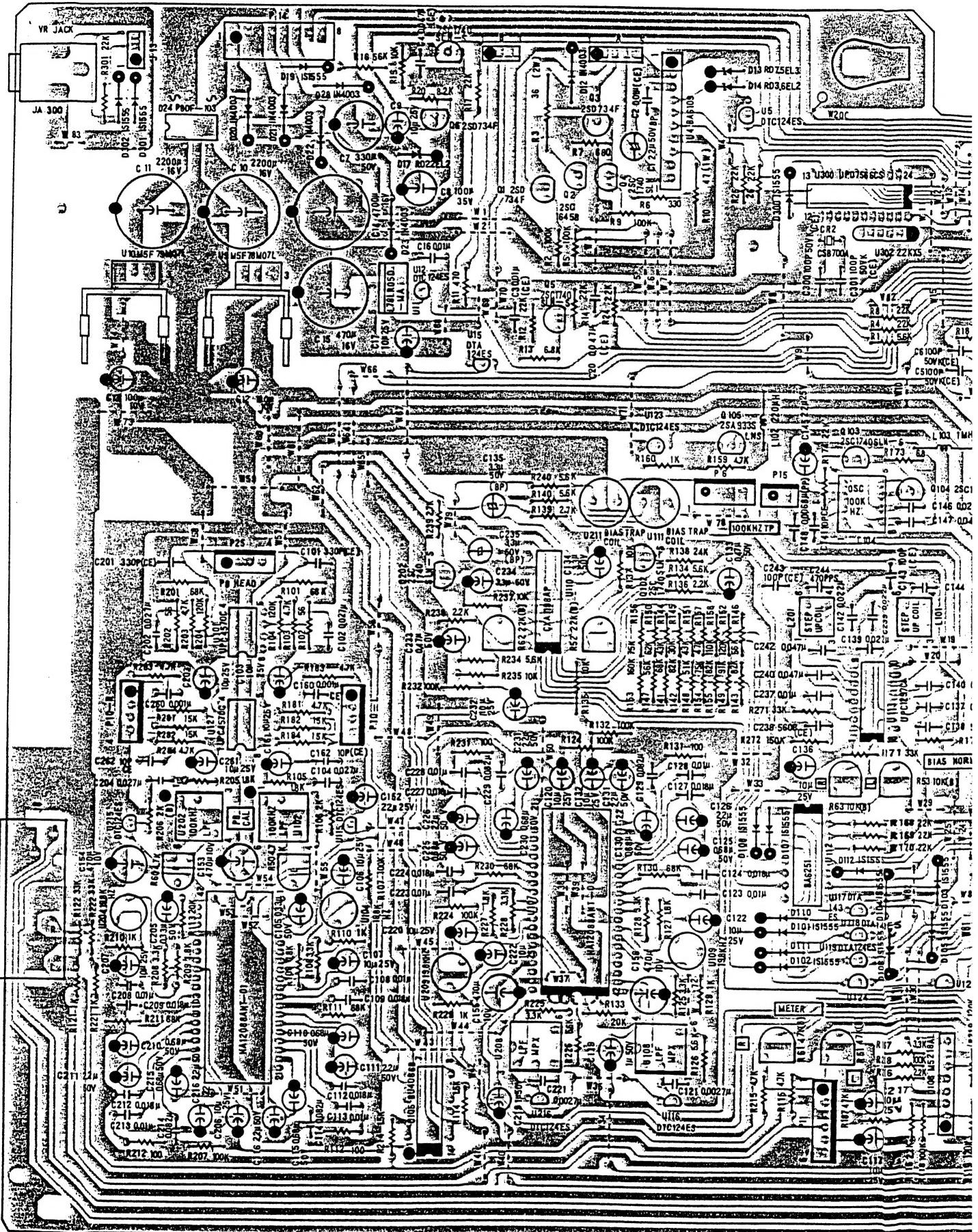
OPERATING ELEMENTS

| Designation and function | Inscription |
|--|---------------|
| 1 On/off key | POWER |
| 2 Eject cassette key | EJECT |
| 3 Cassette compartment | |
| 4 Display panel | |
| 5 Reset key for counter | COUNTER CLEAR |
| 6 Key for display mode of counter | COUNTER MODE |
| 7 Key for audio monitoring | AUTO MONITOR |
| 8 Switch for timer mode | TIMER REC |
| 9 Key for MPX filter | MPX-FILTER |
| 10 Level control | RECORD LEVEL |
| 11 Recording balance control | BALANCE |
| 12 Tape type fine control | BIAS FINE |
| 13 Dolby selector switch | DOLBY NR |
| 14 Trim control for replay | PLAY TRIM |
| 15 Replay key | PLAY |
| 16 Stop key | STOP |
| 17 Pause key | PAUSE |
| 18 Recording key | REC |
| 19 Fast forward key | FF |
| 20 Key for blank spaces between recordings | REC MUTE |
| 21 Key for fast rewind | REW |
| 22 Headphone outlet | PHONES |
| 23 Headphone volume control | PHONES LEVEL |



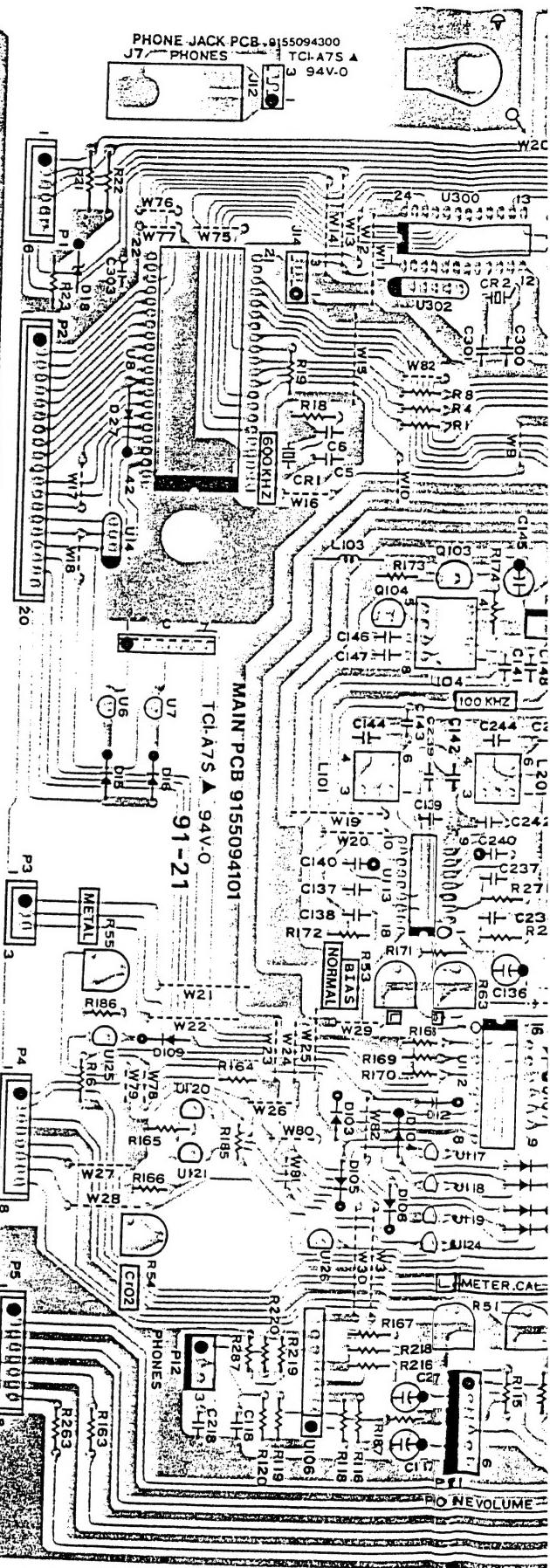
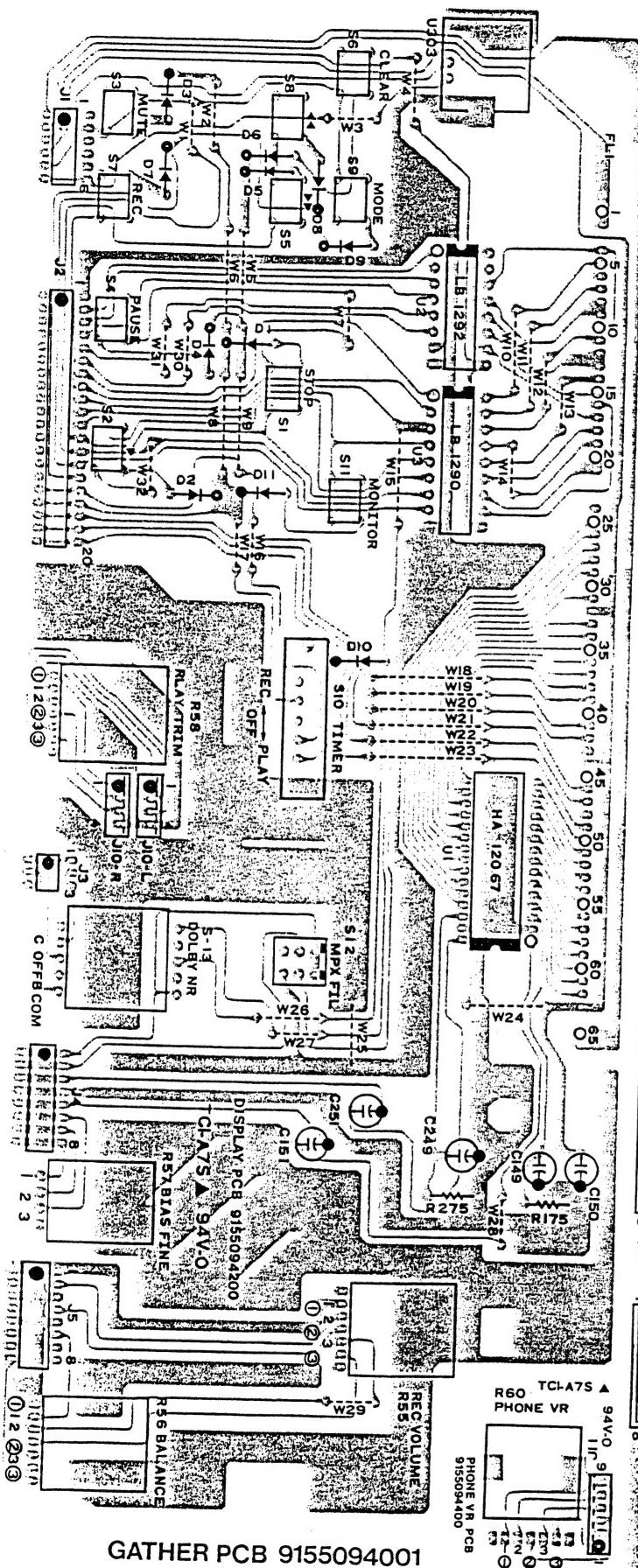
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MAIN PCB, VIEW FROM BOTTOM SIDE



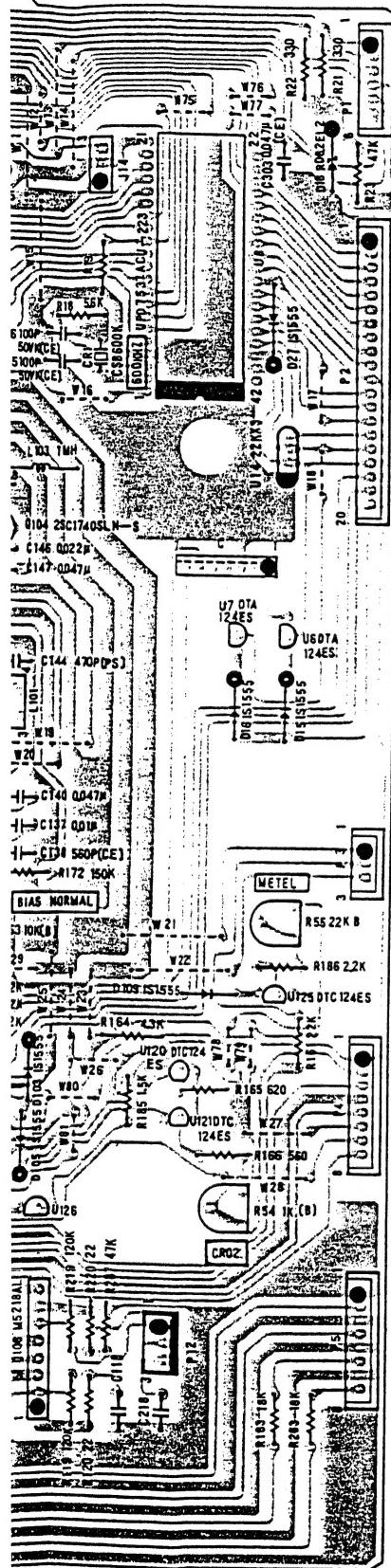
MAIN PCB

MAIN PUB, VIEW FROM TOPSIDE



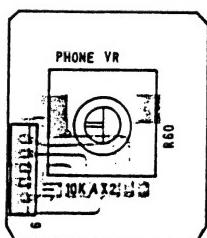
GATHER PCB 9155094001

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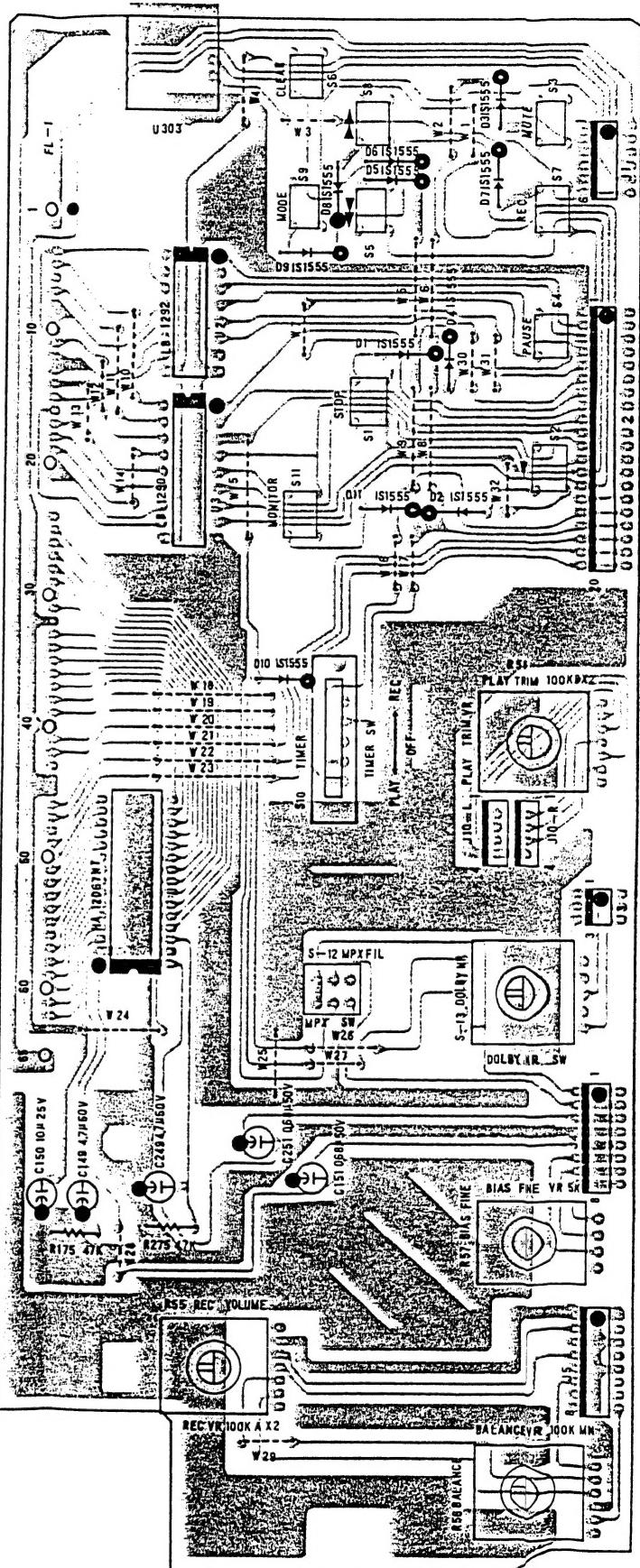


PHONE JACK PCB

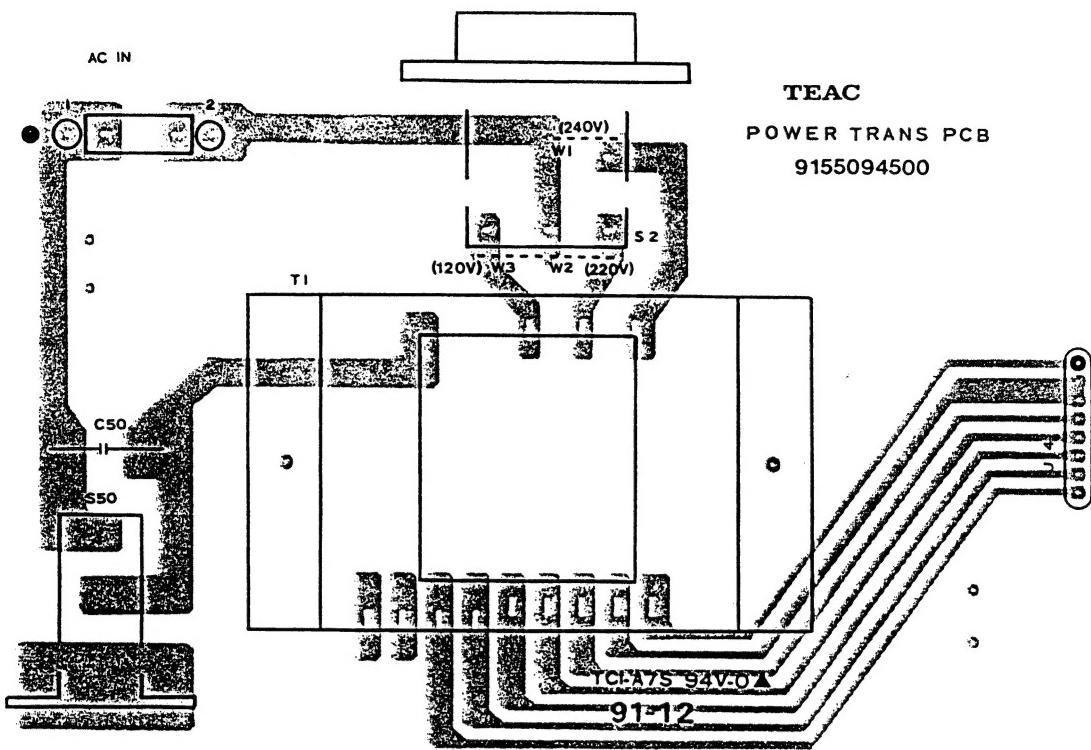
GATHER PCB



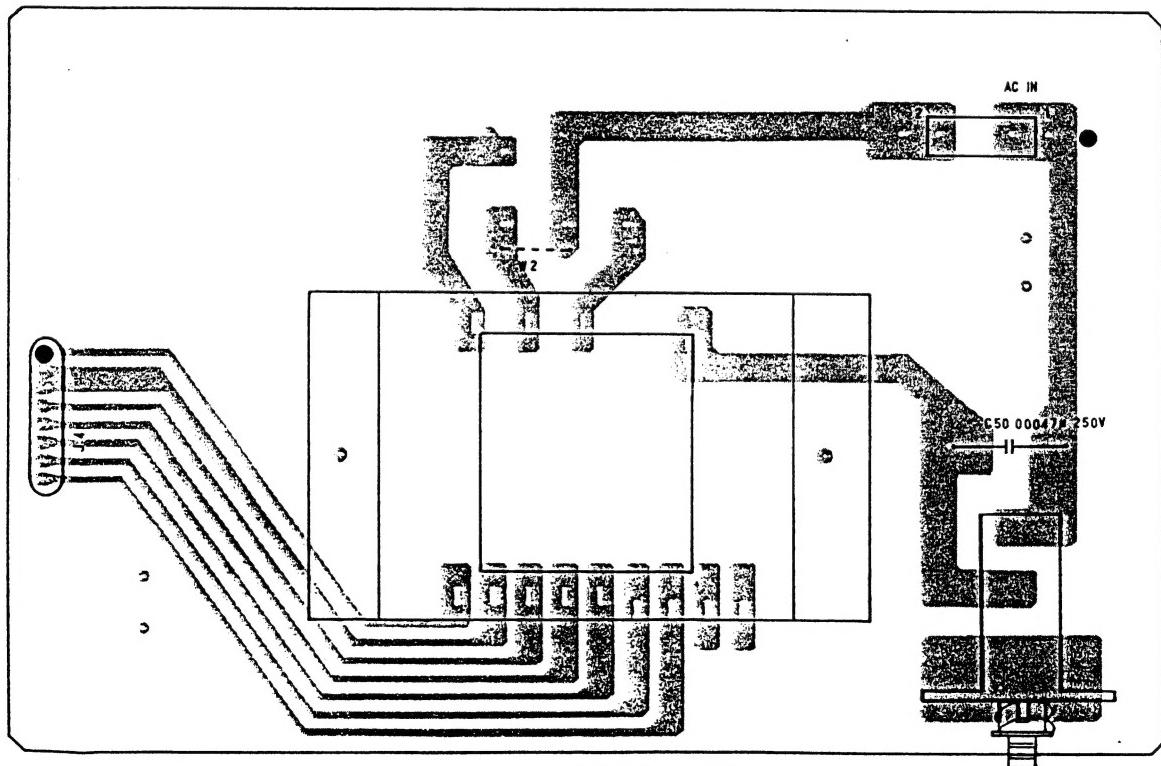
PHONE VR PCB



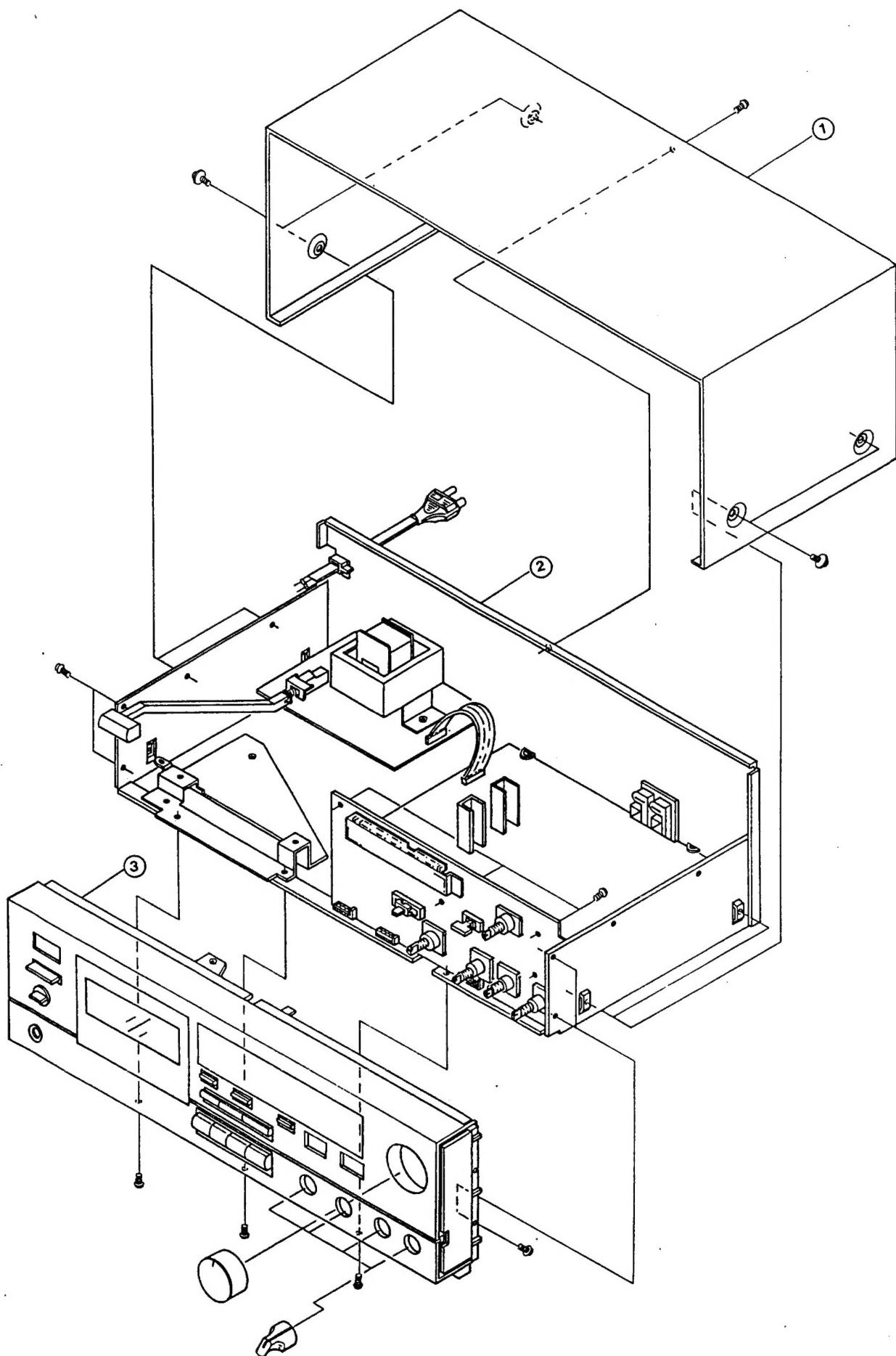
POWER TRANS PCB, VIEW FROM TOPSIDE



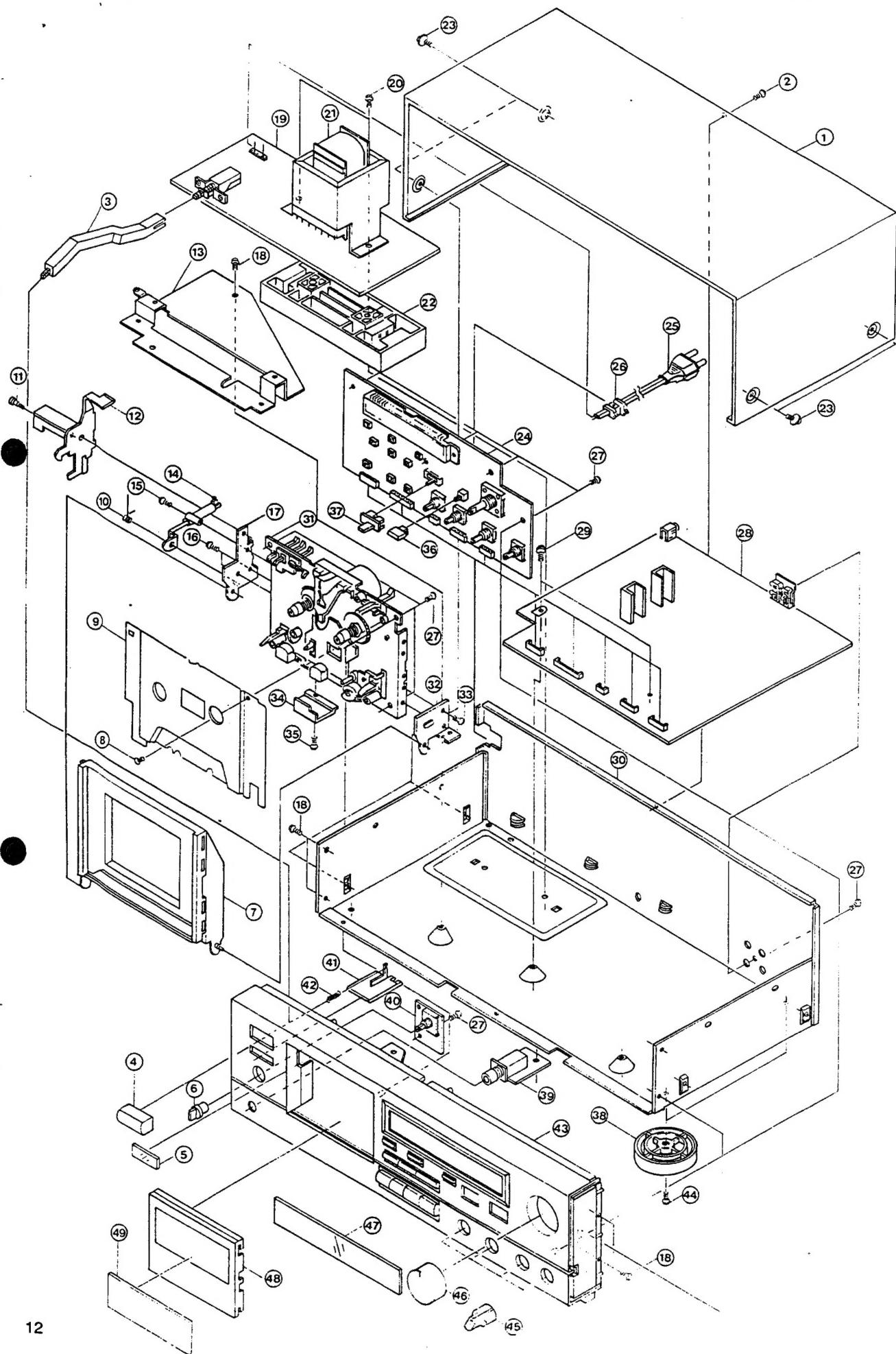
VIEW FROM BOTTOM SIDE



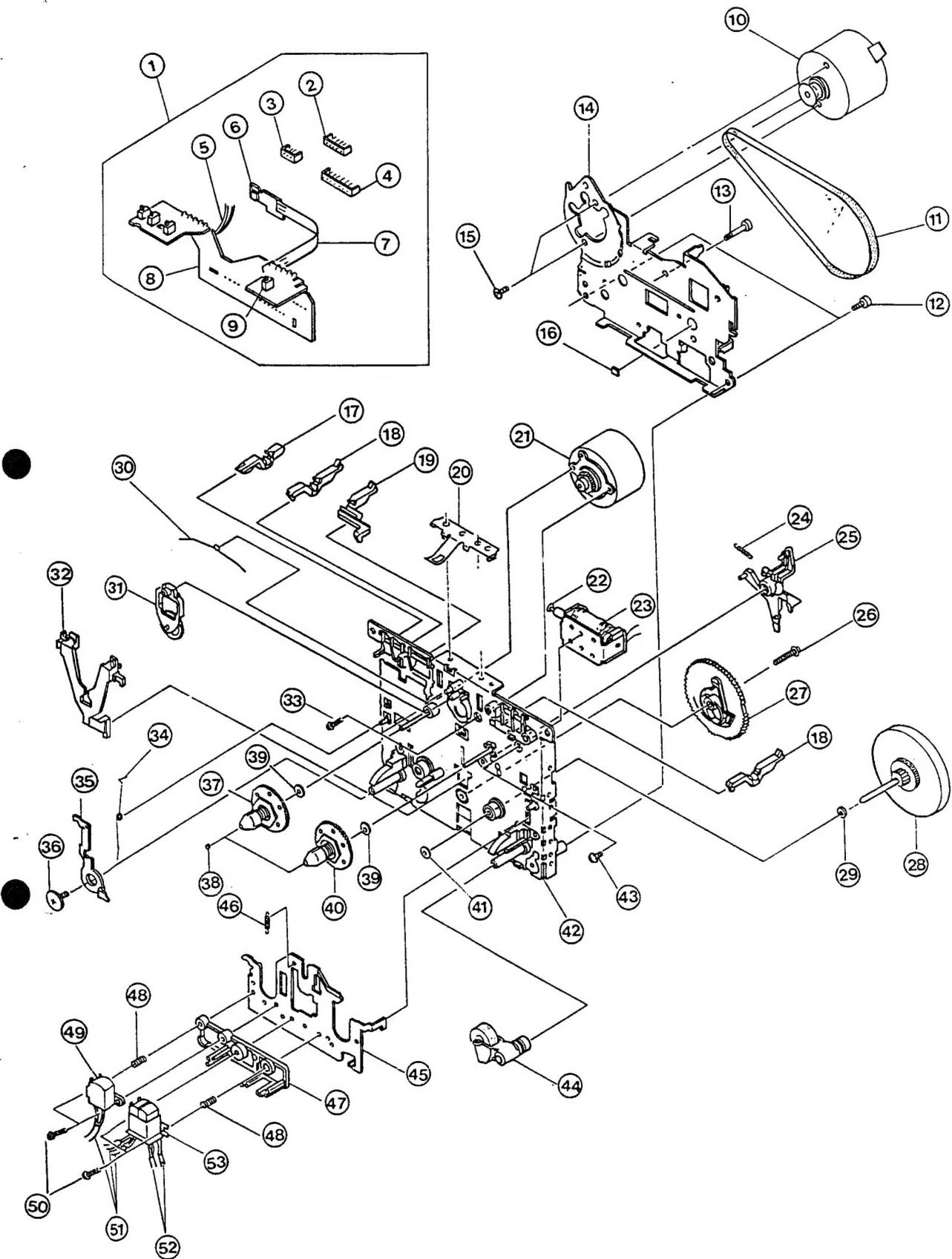
CASE AND FRONT PANEL REMOVAL



EXPLODED VIEW



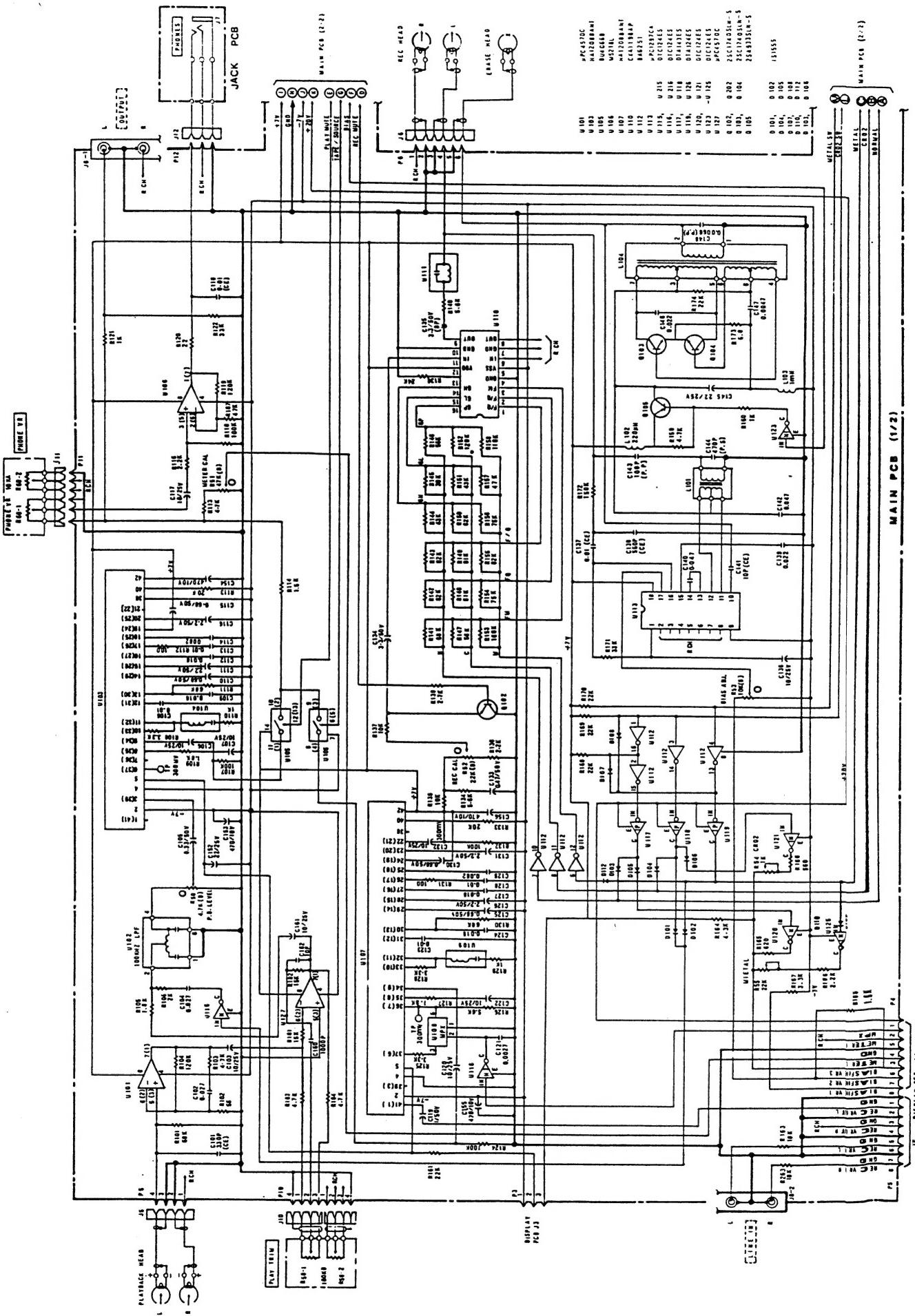
EXPLODED VIEW 2



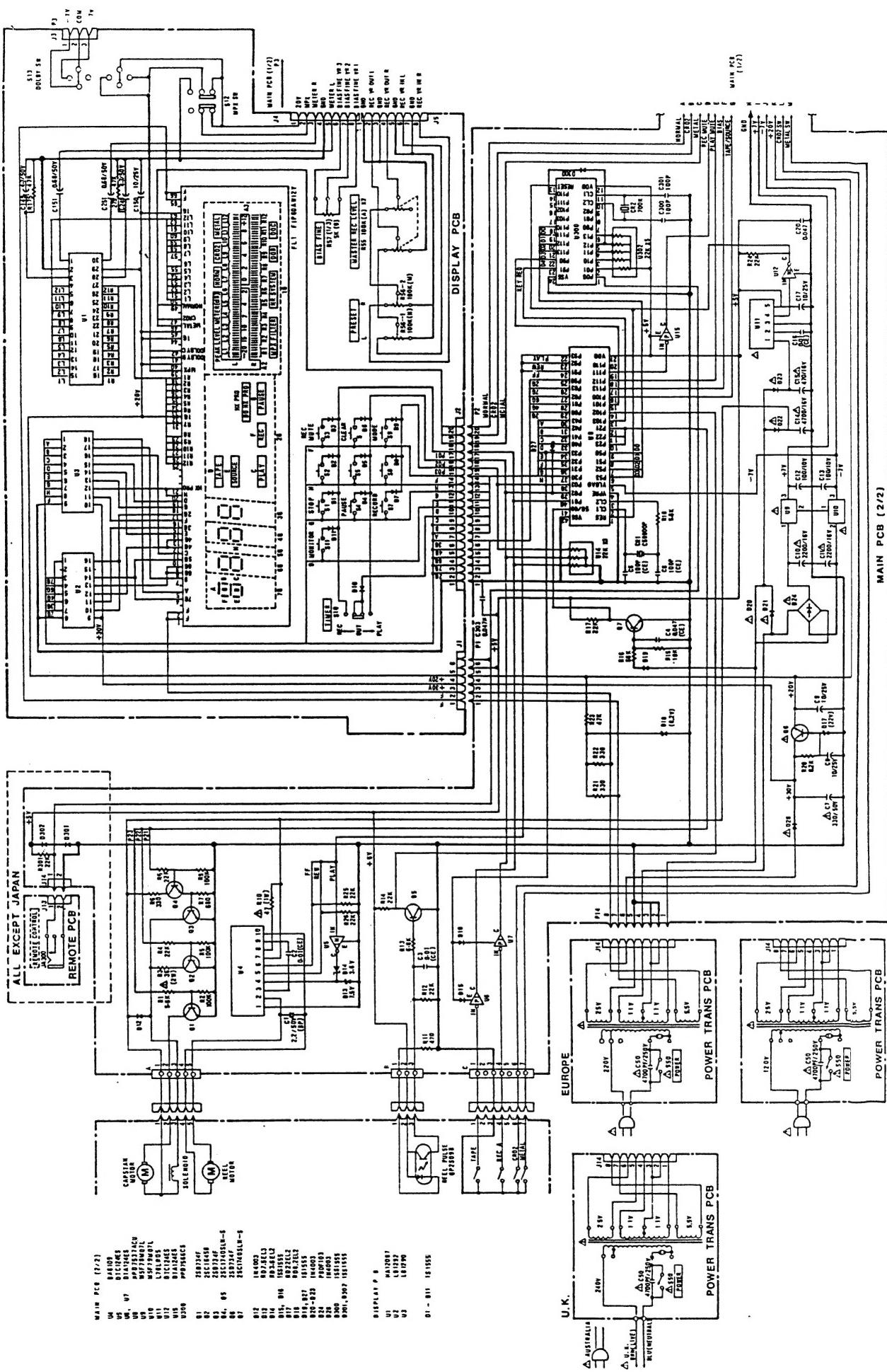
EXPLODED VIEW-2

| REF. NO. | PARTS NO. | DESCRIPTION |
|----------|--------------|----------------------------------|
| 2 - 1 | #57617694-00 | CONNECTOR F067-110 |
| 2 - 2 | #57617696-00 | B7B-EH UY15B-16 |
| 2 - 3 | #57617493-00 | B3B-EH |
| 2 - 4 | #57617491-00 | B5B-EH |
| 2 - 5 | #57617697-00 | JUMPER, 2P WG13K-10 |
| 2 - 6 | #57617488-00 | GP 2S09B |
| 2 - 7 | #57617489-00 | JUMPER, 3P WG46V-06 |
| 2 - 8 | #57617695-00 | BOARD FP17E-71 |
| 2 - 9 | 57617487-00 | SWITCH, PUSH |
| 2 - 10 | 57617478-00 | MOTOR, DC : W/PULLEY |
| 2 - 11 | 57617692-00 | BELT, MAIN FF15R-11 |
| 2 - 12 | #57616909-00 | SCREW, WAVE 2.6#8 UG12H-14 |
| 2 - 13 | #57617693-00 | SCREW, S-TITE M2.6#23.5 UG17H-11 |
| 2 - 14 | #57617689-00 | F/W BKT FC47D-13 |
| 2 - 15 | #57617464-00 | SCREW, PAN 2.6#3.5 |
| 2 - 16 | #57617477-00 | SPACER |
| 2 - 17 | #57617495-00 | LEVER, PACK |
| 2 - 18 | #57617496-00 | LEVER, RECORD |
| 2 - 19 | #57617497-00 | LEVER, METAL |
| 2 - 20 | #57617502-00 | SPRING, CASSETTE PRESS |
| 2 - 21 | 57617458-00 | MOTOR, DC : REEL |
| | 57617458-00 | MOTOR, DC : REEL |
| | 57618019-00 | MOTOR, DC : REEL |
| 2 - 22 | #57617463-00 | PIN, SOLENOID |
| 2 - 23 | 57617462-00 | SOLENOID PKA16146 |
| 2 - 24 | #57617688-00 | SPRING, PLAY ARM FK22G-14 |
| 2 - 25 | 57617690-00 | ARM (F), PLAY FD38H-22 |
| 2 - 26 | #57617710-00 | SCREW, TAP TITE 2#15 UG17L-11 |
| 2 - 27 | 57617687-00 | GEAR (F), CAM FD38P-16 |
| 2 - 28 | 57617472-00 | F/W ASSY |
| 2 - 29 | #57616892-00 | WASHER, POLYSLIDER FJ111-30 |
| 2 - 30 | #57617454-00 | SPRING, HOLD |
| 2 - 31 | 57617453-00 | IDLER ASSY |
| 2 - 32 | #57617457-00 | LEVER(C), HOLD |
| 2 - 33 | #57617459-00 | SCREW, BIND PAN 2.6#66ZN |
| 2 - 34 | #57617686-00 | SPRING (L), EJECT FK22P-16 |
| 2 - 35 | #57617685-00 | ARM (L), EJECT FC39S-33 |
| 2 - 36 | #57617467-00 | SCREW, |
| 2 - 37 | 57617737-00 | REEL TABLE ASSY, S. F105-029 |
| | 57616863-00 | REEL TABLE ASSY, S. F105-027 |
| 2 - 38 | #57617456-00 | WASHER, POLYSLIDER |
| 2 - 39 | #57617455-00 | WASHER, POLYSLIDER |
| 2 - 40 | 57616864-00 | REEL TABLE ASSY, T. F123-037 |
| 2 - 41 | #57616897-00 | WASHER, OIL SEAL FJ141-11 |
| 2 - 42 | #57617684-00 | CHASSIS, MECHANISM F112-110 |
| 2 - 43 | #57617698-00 | SCREW, PAN 2.6#4 ZN FG114-15 |
| 2 - 44 | 57617683-00 | PINCH POLLER ASSY FR20L-21 |
| 2 - 45 | #57617681-00 | BASE, HEAD FC38N-D3 |
| 2 - 46 | #57617448-00 | SPRING, HEAD BASE |
| 2 - 47 | #57617704-00 | SPACER, 3 HEAD FD44H-11 |
| | #57617681-00 | BASE, HEAD FC38N-D3 |
| 2 - 48 | #57617675-00 | SPRING, AZIMUTH FK21U-11 |
| 2 - 49 | 57617679-00 | HEAD, ERASE FU192-11 |
| 2 - 50 | #57617674-00 | SCREW, F LOCK PG137-18 |
| 2 - 51 | #57617703-00 | CONNECTOR, WIRE WH51L-05 |
| | #57617703-00 | CONNECTOR, WIRE WH51L-05 |
| 2 - 52 | #57617701-00 | CONNECTOR, WIRE WH51K-03 |
| | #57617701-00 | CONNECTOR, WIRE WH51K-03 |
| 2 - 53 | 57617702-00 | HEAD, R/P H-2371 FU19C-11 |
| | 57617702-00 | HEAD, HAYEH 4406 A FU17A-11B |

SCHEMATIC DIAGRAM UCR-370ICR (1)



SCHEMATIC DIAGRAM U-700 CR 2



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